

HALE

TRAILER

BRAKE & WHEEL



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SPECIFICATIONS FOR 1600 HEIL SUPER JET PNEUMATIC DRY BULK PREPARED BUESING BULK TRANSPORT INC

A. VESSEL

- Capacity: 1600 Cubic feet - 4 hoppers - smooth interior, external rings - no cross braces
- Tank Construction: 5454-H32 aluminum vessel, 45 degree hopper slope, aluminum end frames, aluminum struts. Hydro tested at 22.5 P.S.I. *Special length end frames
- Interior Welds: Class II, clean and washed
- Manholes: Four 20" Heil H.D. cast aluminum covers, pressure type with 6 cam actuated adjustable hold downs, white gaskets in cover. Replaceable wear plates under hold downs. Two stainless steel cover retainers. Pins in cam handles are to be stainless cotter pins - no steel pins.

B. PIPING

- Air Inlet Line: 3" aluminum line at streetside front of tank. (1) Knapco swing check valve near P.T.O. This valve to have Brass arm holding check. Terminate air inlet line behind last hopper with 3" adaptor, cap and retaining cable - no Technocheck valve.
- Aeration: Solimar hopper saver aeration system, with 3" aluminum air manifold, 2" hoses supplying air to (3) aerators per hopper. Individual aeration control using Banjo ball valves

Valves - Dixon bolt style hose clamps. NOTE: Crimp clamps break Solimar plastic aerators

3. Proportioning and Pressure Control Valve: (1) Ultraflo 3" Fig. 400, aluminum body butterfly valve (alum/bronze disc, EPDM seat) regulating air between manifold and discharge piping.
 4. Blow-Down Line: 3" aluminum with (1) 3" Ultraflo Fig. 400, aluminum body butterfly valve (alum/bronze disc, EPDM seat), 15 P.S.I. relief valve
 5. Top Air Line: 3" aluminum with (1) 3" Ultraflo Fig. 400 aluminum body butterfly valve (Alum/bronze disc, EPDM seat).
 6. Product Line: 4" cast alum. outlet tees with 6" gravities, 4" sch aluminum line with mid brook joint G45001 connections full rear discharge with adaptor with dust cap. Last hopper to rear to be stainless steel. 4" adaptor and cap at front of load line for inspection and cleaning. Cap for back discharge line to be secured with cable to rear step short enough that it will not allow cap to hit ground
 7. Product Valves: 6" Sure Seal, aluminum body, 316 stainless disc, white seat, operated from street side with cast aluminum handle.
 8. Gauges: Two 4" liquid filled, one tank, one line, in cabinet w/light located streetside at rear of front fender.
 9. Vent & Fill Lines: None
- C. ACCESSORIES
1. Fenders: Aluminum double contour on rear, single contour at front. Rear fender model #217 P069-849
 2. Hose Tubes: (2) 8" x 10' door one (rear) end mounted one each side as close to longmember of tank as possible.
(1) 8" x 20' with door each end on right side, tube should have double thickness each end and at support brackets, use stainless straps, no U-bolts, no common doors.
 3. Walkway: Paint-on, skid-resistant, between toe rails and etch before putting on non-skid.

4. Ladder: Rear of trailer with platform. Step below frame is failing on 1992 models - weld is breaking - reinforce. Platform on longmembers must be bolted to cross members, not welded, they break. Also, top platform where it attaches to support in each side must be reinforced as they crack.
5. Tire Carrier: None
6. Mud Flaps: Anti-sail and anti-spray.
7. Lights: 12 volt system to D.O.T. specs with Trucklites. 7 way ATA connector, molded conduit main wiring - spliceless, with one junction box at rear, aluminum rear light boxes. Combination mid-tank clearance and turn signal. Hi-mounted third stop light rear center of tandem. Conspicuity tape.
8. Hoses: P.T.O. hose holder at nose standard. PTO and product hoses optional - extra cost.

D. CHASSIS

1. Upper Fifth Wheel: 5/16" hi-tensile steel plate adjustable in 1-1/2 " increments. 2" forged kingpin. Add 1/4" length for teflon pad.
2. Landing Legs: Binkley square #51000 2 speed, street side crank, 50,000 lb. with sand shoes, use low profile shoe, 3-1/4" high.
3. Suspension: Reyco, Transpro Super Heavy Duty, stabilized, 44,000# rating, Delco Composite spring, 49" axle spacing. Spring hangers with electrolysis barrier huck riveted to aluminum sub-frame.
4. Brakes: Rockwell Q-style (quick change) 16-1/2" x 7", Carlisle E-145 non-asbestos lining. MGM 30-30 parking/emergency spring brakes on each axle with stroke alert feature. Gunitite Auto slack adjusters. Quick release gladhands.
5. Oil Seals: C.R., visible caps, leather seal.
6. Axles: Rockwell Standard 71-1/2" track, 5" round TN 4670, 22,500 lb. beam rating with HM bearings.

7. Paint: White enamel on steel parts only, adequate cleaning and priming is essential

8. HUBS, DRUMS, TIRES & WHEELS

1. Hub & Drum: Alum centrifuse with 10 stud, Conmet #899968

2. Wheels: 22.5 x 8.25 aluminum, mill finished, with 10 stud, stud piloted. Studs to be 101774A

3. Tires: Bridgestone 275/80R 194 radials, low profile.

9. MISCELLANEOUS

1. Certificate holder on front cross member - tube style.

4" adaptors and cap on front end of discharge line for inspection and cleaning.

3. Midbrook Couplings on discharge line #G45001.

DISCLAIMER

Specifications are for the equipment at the time it was produced and may not accurately reflect its current condition. Photographs are the representative of the subject equipment but may not be identical. Equipment availability, prices and specifications are subject to change without notice.